

### **REMARKS**

This responds to the Office Action dated April 6, 2007.

Claim 23 includes a proposed amendment, and no claims are canceled or added. Claims 1-30 are pending in this application. Applicant believes the proposed amendment places the claims in condition for allowance and respectfully requests entry of the amendments under 37 C.F.R. § 1.116.

#### **Allowable Subject Matter**

Claims 1-22 and 28-30 were allowed. Applicant acknowledges the allowed subject matter.

#### **§101 Rejection of the Claims**

Claims 23-27 were rejected under 35 USC § 101 as being directed to non-statutory subject matter. Applicant respectfully traverses the rejection as applied to the present claims.

The Final Office Action stated that while the claim produces a result that appears to be concrete and tangible, a useful result appears lacking.<sup>1</sup> The proposed amendment to claim 23 recites “multiplying bits of a multiplier and bits of a multiplicand in a multiplier circuit ... to generate bits of the final product at outputs of the multiplier circuit.” Applicant respectfully submits that present claims 23-27, amended as proposed, recite a useful result.

Applicant believes the proposed amendment does not change the scope of the claim and believes entry of the amendment will place the claims in a form the Examiner previously indicated would be allowable. The proposed amendment was not presented earlier because Applicant was not aware that claim 23 would be interpreted by the Examiner as lacking a recitation of a useful result until the Final Office Action. Applicant respectfully requests entry of the proposed amendment under 37 C.F.R. § 1.116(b)(3) and reconsideration and allowance of claims 23-27.

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<sup>1</sup> Final Office Action, pg. 2.

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at 612-371-2172 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

KENNETH Y. NG

By their Representatives,  
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Date June 6, 2007

By Paul J. Urbanski  
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 6<sup>th</sup> day of June 2007.

Amy Moriar  
Name

[Signature]  
Signature